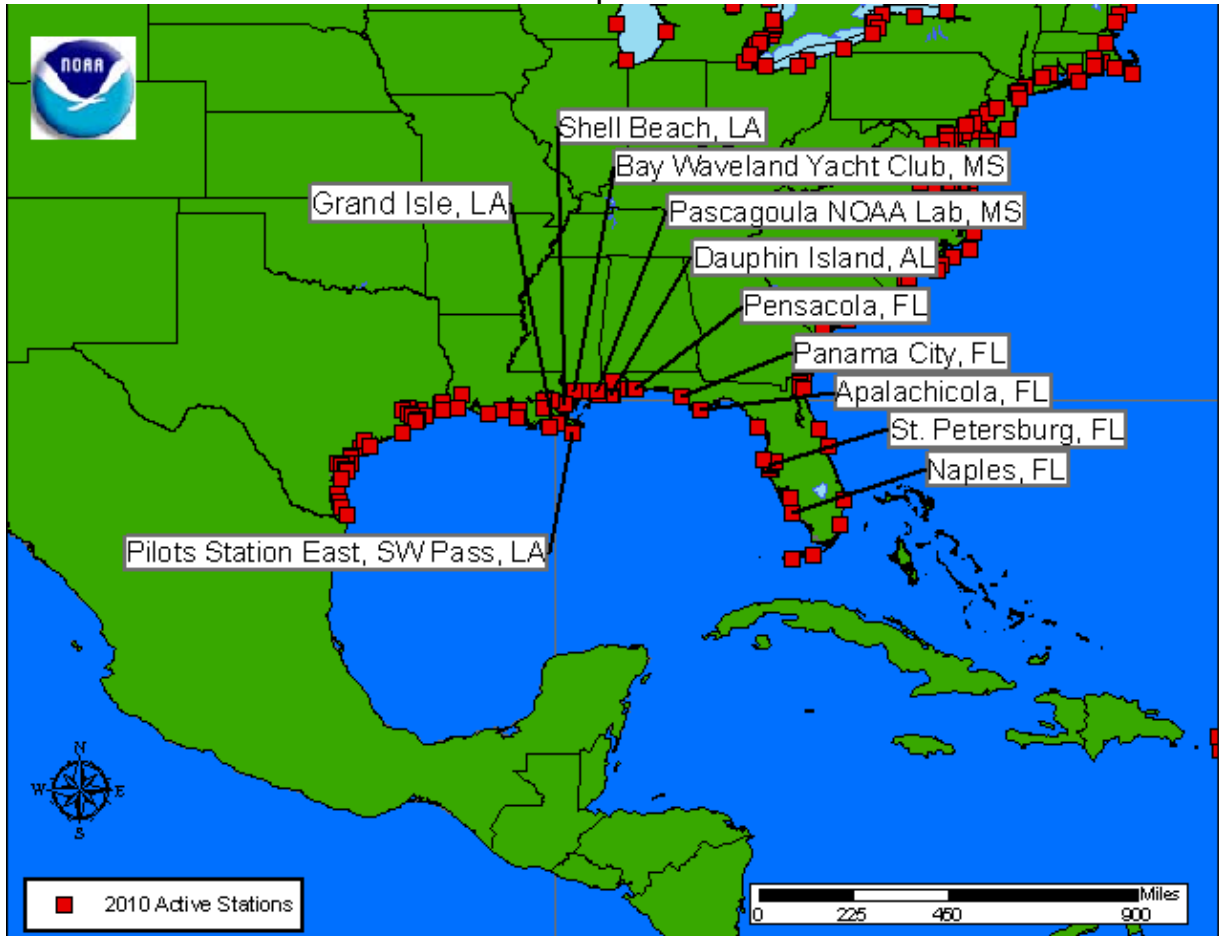




Remnants of BONNIE QuickLook
Posted: 17:00 CDT 07/24/2010

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) issues a new Tropical Storm Warning for the U.S. (or U.S. Territories) Coastline.

As of 07/24/2010 17:00 CDT, water levels are slightly elevated from Grand Isle, LA to Dauphin Island, AL and range between 0.4 and 0.9 feet above predictions. Water levels in Florida are at or near predicted.

Wind speeds are generally ranging from 6 to 19 kts. Wind gusts up to 28 kts are currently recorded at Dauphin Island, AL. Barometric pressure is slightly falling across the northern Gulf of Mexico.

Water Level and Meteorological plots available below are updated automatically. Water level

predictions relative to Mean Lower Low Water are:

Grand Isle, LA: Next predicted high tides are 1.30 ft (0.40 m) at 07/25/2010 09:59 CDT and 1.23 ft (0.37 m) at 07/26/2010 10:33 CDT.

Pilots Station East, LA: Next predicted high tides are 1.49 ft (0.45 m) at 07/25/2010 09:01 CDT and 1.41 ft (0.43 m) at 07/26/2010 09:28 CDT.

Shell Beach, LA: Next predicted high tides are 1.52 ft (0.46 m) at 07/25/2010 14:00 CDT and 1.43 ft (0.43 m) at 07/26/2010 14:43 CDT.

Bay Waveland, MS: Next predicted high tides are 2.04 ft (0.62 m) at 07/25/2010 11:58 CDT and 1.97 ft (0.60 m) at 07/26/2010 12:38 CDT.

Pascagoula NOAA Lab, MS: Next predicted high tides are 1.78 ft (0.54 m) at 07/25/2010 10:00 CDT and 1.66 ft (0.51 m) at 07/26/2010 10:32 CDT.

Dauphin Island, AL: Next predicted high tides are 1.49 ft (0.45 m) at 07/25/2010 10:28 CDT and 1.38 ft (0.42 m) at 07/26/2010 11:04 CDT.

Pensacola, FL: Next predicted high tides are 1.70 ft (0.52 m) at 07/25/2010 10:58 CDT and 1.59 ft (0.48 m) at 07/26/2010 11:31 CDT.

Panama City, FL: Next predicted high tides are 1.72 ft (0.52 m) at 07/25/2010 10:14 CDT and 1.63 ft (0.50 m) at 07/26/2010 10:52 CDT.

Apalachicola, FL: Next predicted high tides are 1.47 ft (0.45 m) at 07/25/2010 05:15 EDT and 1.76 ft (0.54 m) at 07/25/2010 14:07 EDT.

St. Petersburg, FL: Next predicted high tides are 1.52 ft (0.46 m) at 07/25/2010 04:17 and 2.65 ft (0.81 m) at 07/25/2010 13:48 EDT.

Naples, FL: Next predicted high tides are 2.25 ft (0.69 m) at 07/25/2010 01:21 EDT and 3.25 ft (0.99 m) at 07/25/2010 12:13 EDT.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst:KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL DEPRESSION BONNIE ADVISORY NUMBER 10
400 PM CDT SAT JUL 24 2010

...BONNIE DEGENERATES INTO A DISORGANIZED AREA OF LOW PRESSURE...

WATCHES AND WARNINGS

THERE ARE NO COASTAL WATCHES OR WARNINGS IN EFFECT.

DISCUSSION AND 48-HOUR OUTLOOK

AT 400 PM CDT THE CENTER OF THE REMNANT LOW ASSOCIATED WITH FORMER TROPICAL DEPRESSION BONNIE WAS LOCATED NEAR LATITUDE 28.5 NORTH...LONGITUDE 87.6 WEST. THE LOW IS MOVING TOWARD THE WEST-NORTHWEST NEAR 14 MPH AND IT SHOULD CONTINUE TO MOVE ON THIS GENERAL TRACK TONIGHT AND SUNDAY.

MAXIMUM SUSTAINED WINDS ARE BARELY 30 MPH WITH HIGHER GUSTS IN A FEW SQUALLS. THE LOW IS EXPECTED TO DISSIPATE TONIGHT OR SUNDAY.

MINIMUM CENTRAL PRESSURE REPORTED BY AN AIR FORCE PLANE WAS 1011 MB.

HAZARDS AFFECTING LAND

WIND...A FEW SQUALLS ARE LIKELY TO SPREAD OVER PORTIONS OF THE NORTHERN GULF COAST...FROM SOUTHEAST LOUISIANA EASTWARD TO THE FAR WESTERN FLORIDA PANHANDLE LATER TODAY.

RAINFALL...BONNIE IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 1 TO 2 INCHES OVER PORTIONS OF SOUTHERN LOUISIANA ...SOUTHERN ALABAMA...SOUTHERN MISSISSIPPI...AND THE FAR WESTERN FLORIDA PANHANDLE...WITH POSSIBLE ISOLATED MAXIMUM AMOUNTS OF 3 INCHES.

NEXT ADVISORY

THIS IS THE LAST PUBLIC ADVISORY ISSUED BY THE NATIONAL HURRICANE CENTER ON THIS SYSTEM. ADDITIONAL INFORMATION ON THIS SYSTEM CAN BE FOUND IN HIGH SEAS FORECASTS ISSUED BY THE NATIONAL WEATHER SERVICE UNDER AWIPS HEADER NFDHSFAT1 AND WMO HEADER FZNT01 KWBC.

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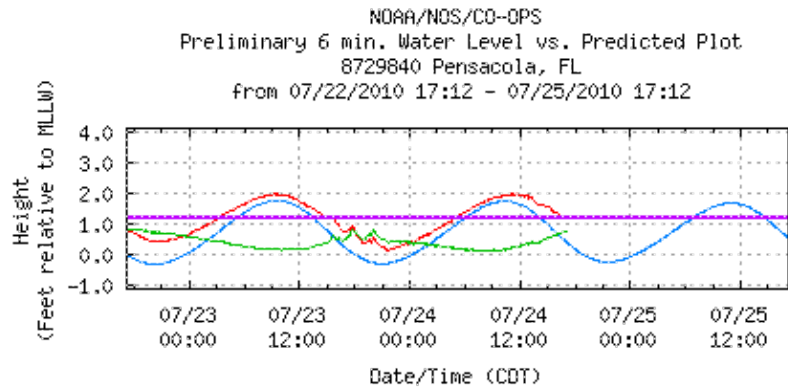
FORECASTER AVILA/ROBERTS

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pensacola - Water Level](#), [Pensacola - Winds](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Pascagoula NOAA Lab - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay](#)

Waveland Yacht Club - Barometric, Shell Beach - Water Level, Shell Beach - Winds, Shell Beach - Barometric, Shell Beach - Air/Water Temp, Pilots Station East, SW Pass - Water Level, Pilots Station East, SW Pass - Winds, Pilots Station East, SW Pass - Barometric, Pilots Station East, SW Pass - Air/Water Temp, Grand Isle - Water Level, Grand Isle - Winds, Grand Isle - Barometric, Grand Isle - Air/Water Temp, Panama City - Water Level, Panama City - Winds, Apalachicola - Water Level, Apalachicola - Winds, St. Petersburg - Water Level, Naples - Water Level,

Pensacola, FL - [Return to List](#)

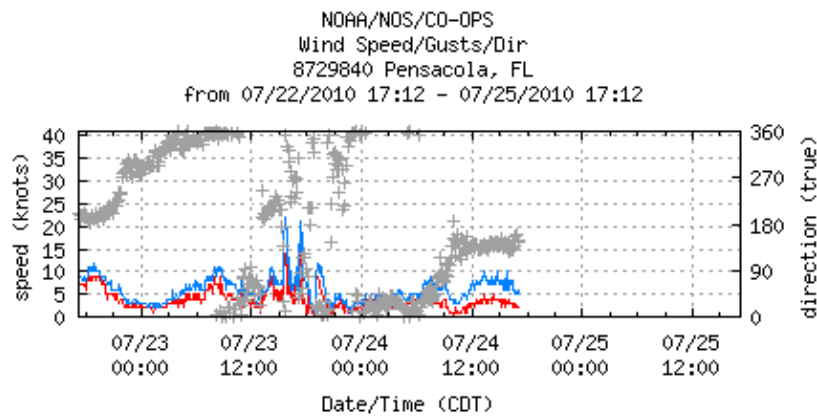


Last Observed Sample: 07/24/2010 17:06 (CDT)

Relative to **MLLW**: **Observed: 1.19 ft.** **Predicted: 0.41 ft.** **Residual: 0.78 ft.**

Historical Maximum Water Level: Sep 18 1926, 7.41 ft. above **MHHW**

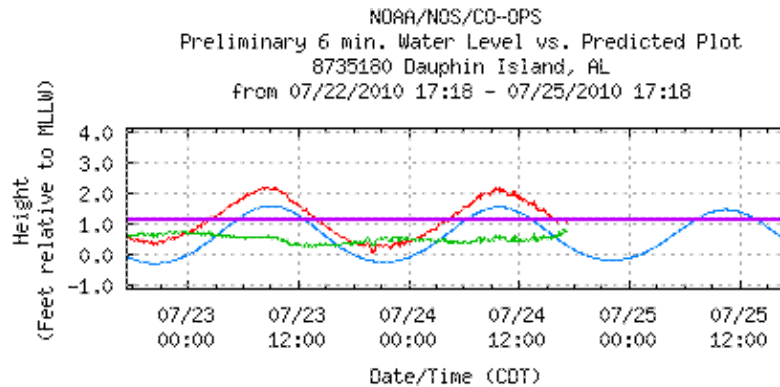
Pensacola, FL - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Wind Speed: 2 knots **Gusts: 5 knots** **Direction: 146° T**

Dauphin Island, AL - [Return to List](#)

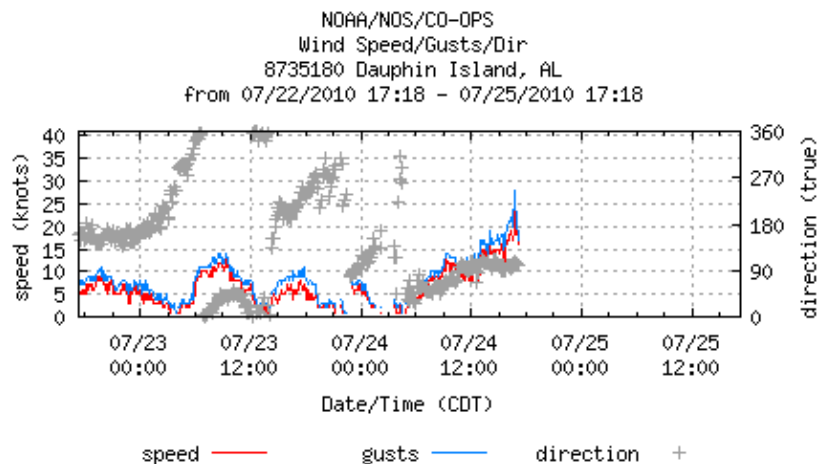


Last Observed Sample: 07/24/2010 17:06 (CDT)

Relative to **MLLW**: **Observed: 1.11 ft. Predicted: 0.33 ft. Residual: 0.78 ft.**

Historical Maximum Water Level: Sep 2 1985, 3.36 ft. above **MHHW**

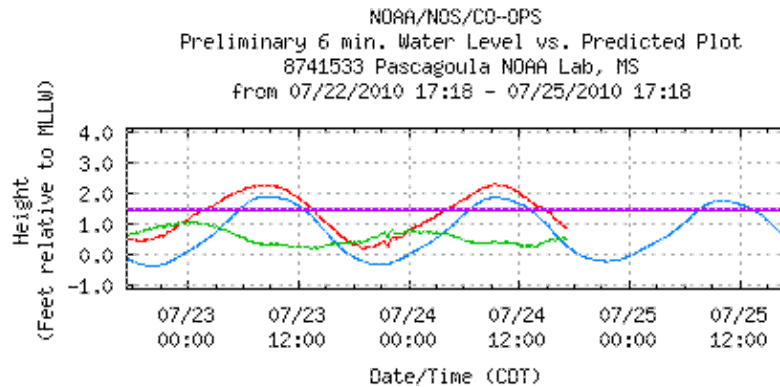
Dauphin Island, AL - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Wind Speed: 16 knots Gusts: 17 knots Direction: 102° T

Pascagoula NOAA Lab, MS - [Return to List](#)

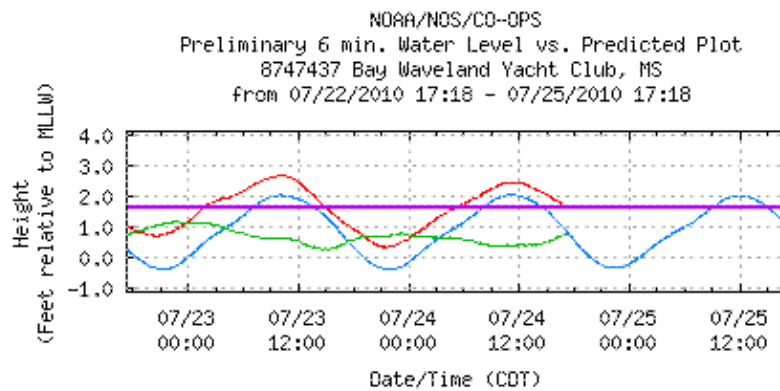


Last Observed Sample: 07/24/2010 17:06 (CDT)

Relative to **MLLW**: **Observed: 0.87 ft. Predicted: 0.33 ft. Residual: 0.54 ft.**

Historical Maximum Water Level: , 0 ft. above **MHHW**

Bay Waveland Yacht Club, MS - [Return to List](#)

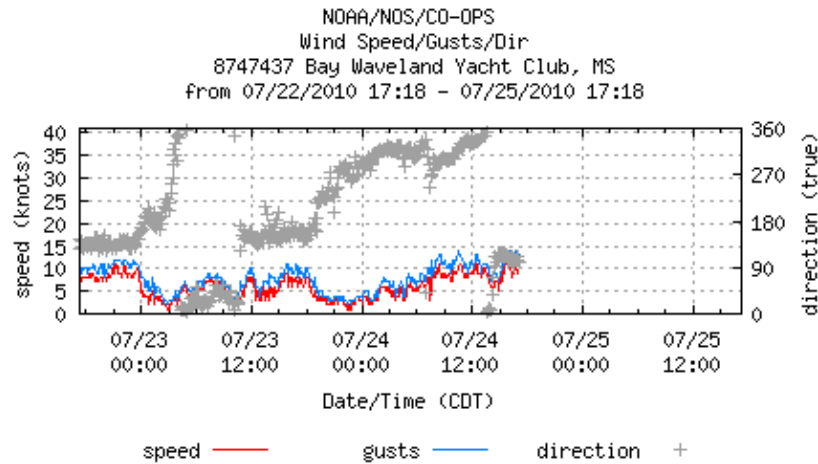


Last Observed Sample: 07/24/2010 17:06 (CDT)

Relative to **MLLW**: **Observed: 1.68 ft. Predicted: 0.89 ft. Residual: 0.79 ft.**

Historical Maximum Water Level: Oct 28 1985, 5.05 ft. above **MHHW**

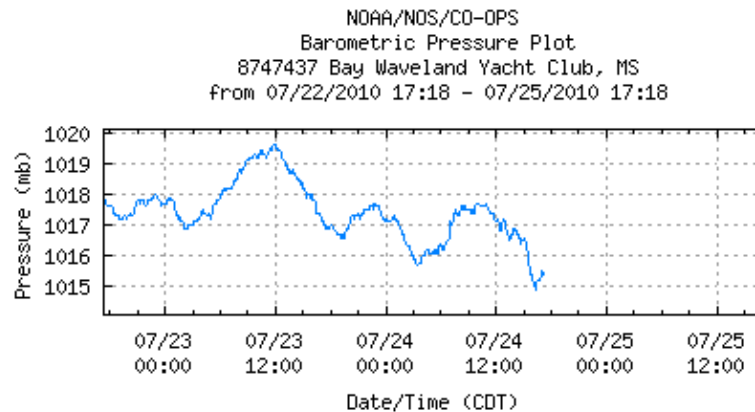
Bay Waveland Yacht Club, MS - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Wind Speed: 11 knots Gusts: 13 knots Direction: 101° T

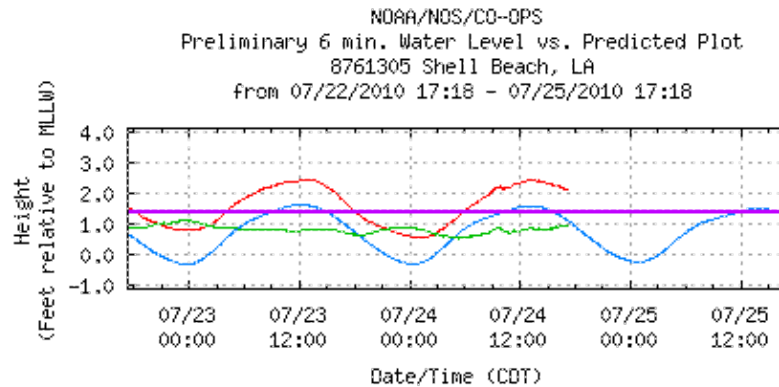
Bay Waveland Yacht Club, MS - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Barometric Pressure: 1015.4 mb

Shell Beach, LA - [Return to List](#)

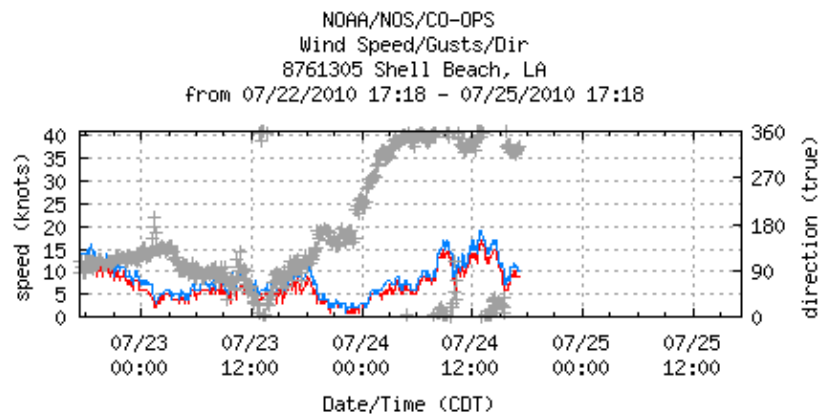


Last Observed Sample: 07/24/2010 17:06 (CDT)

Relative to **MLLW**: **Observed: 2.11 ft.** **Predicted: 1.14 ft.** **Residual: 0.97 ft.**

Historical Maximum Water Level: Sep 1 2008, 8.84 ft. above **MHHW**

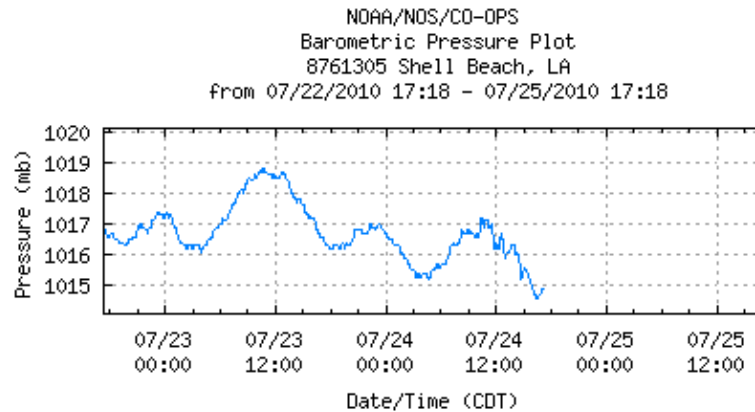
Shell Beach, LA - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Wind Speed: 9 knots **Gusts: 10 knots** Direction: 332° T

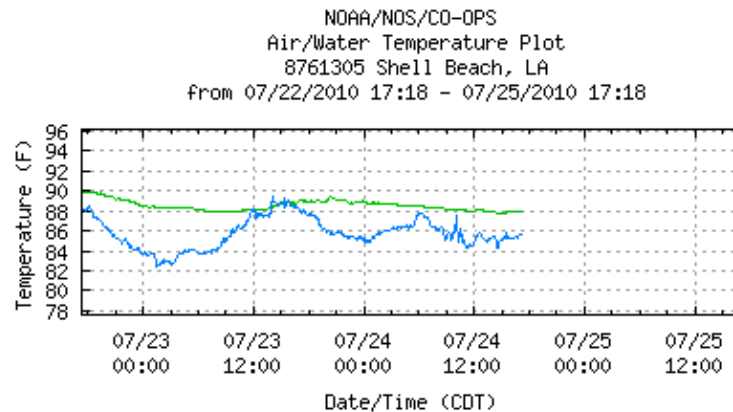
Shell Beach, LA - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Barometric Pressure: 1014.9 mb

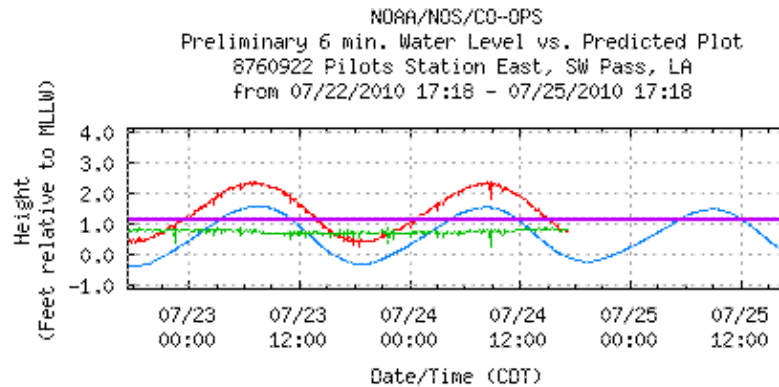
Shell Beach, LA - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Water Temperature: 88.0° F Air Temperature: 85.6° F

Pilots Station East, SW Pass, LA - [Return to List](#)

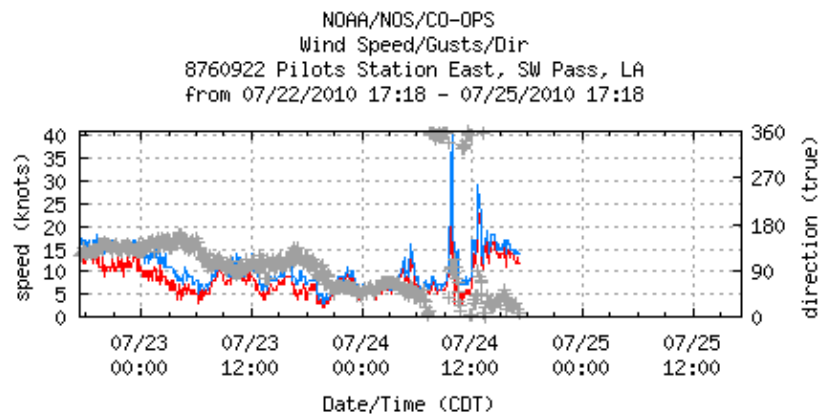


Last Observed Sample: 07/24/2010 17:06 (CDT)

Relative to **MLLW**: **Observed: 0.75 ft. Predicted: -0.05 ft. Residual: 0.80 ft.**

Historical Maximum Water Level: Aug 29 2005, 6.24 ft. above **MHHW**

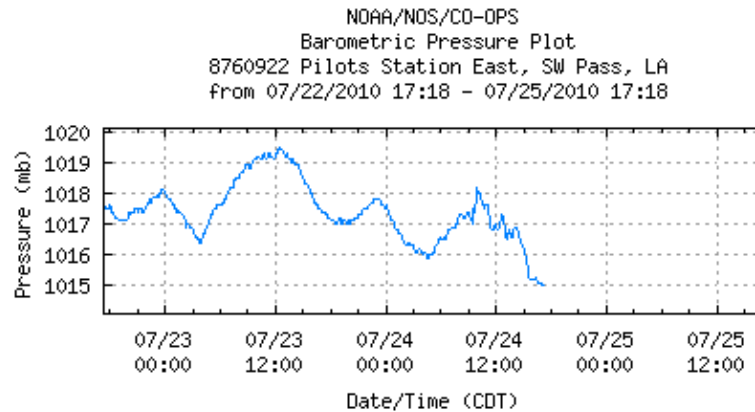
Pilots Station East, SW Pass, LA - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Wind Speed: 12 knots Gusts: 14 knots Direction: 007° T

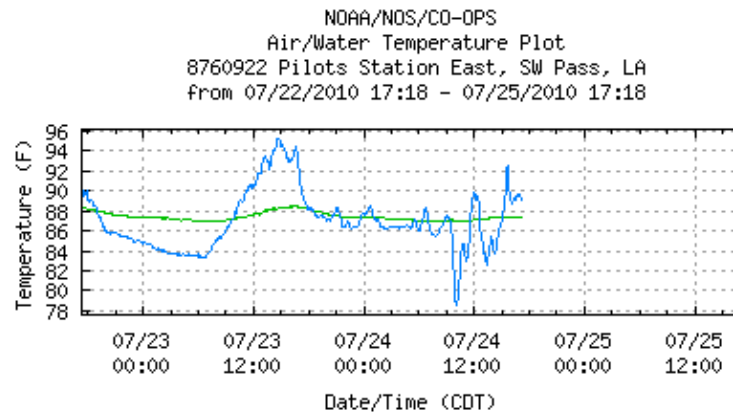
Pilots Station East, SW Pass, LA - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Barometric Pressure: 1015.0 mb

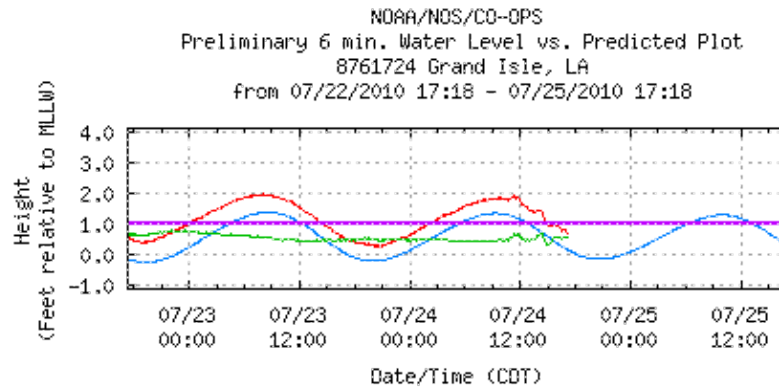
Pilots Station East, SW Pass, LA - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Water Temperature: 87.3° F Air Temperature: 89.1° F

Grand Isle, LA - [Return to List](#)

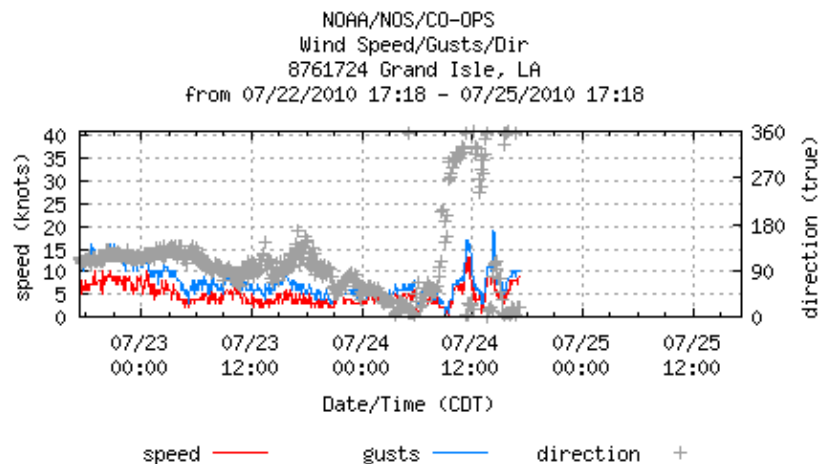


Last Observed Sample: 07/24/2010 17:06 (CDT)

Relative to **MLLW**: **Observed: 0.73 ft.** **Predicted: 0.18 ft.** **Residual: 0.55 ft.**

Historical Maximum Water Level: Aug 29 2005, 4.54 ft. above **MHHW**

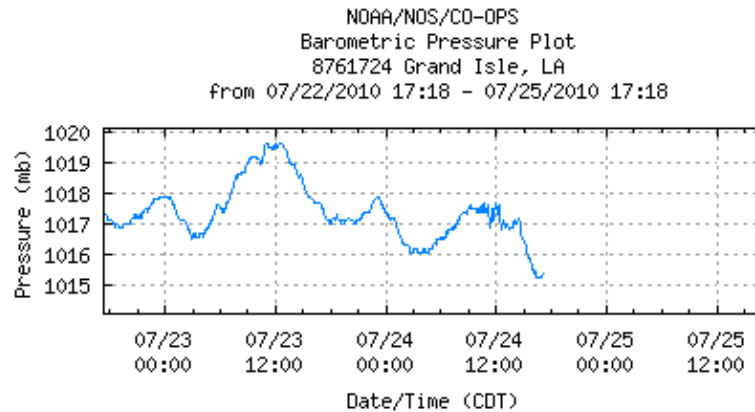
Grand Isle, LA - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Wind Speed: 9 knots **Gusts: 10 knots** **Direction: 017° T**

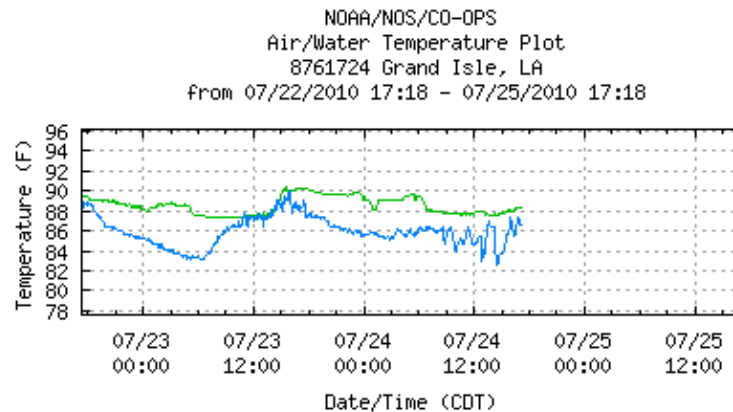
Grand Isle, LA - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Barometric Pressure: 1015.4 mb

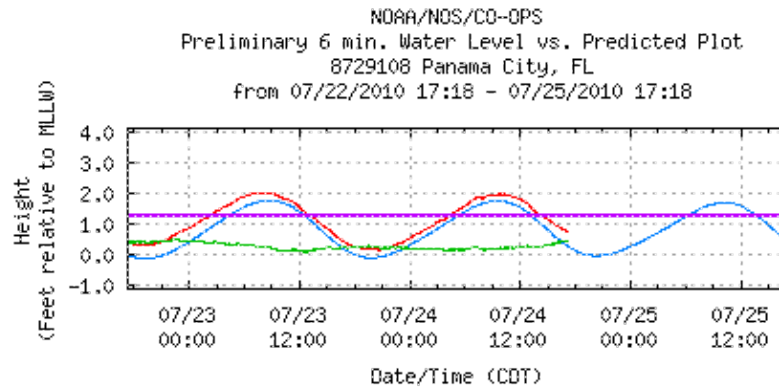
Grand Isle, LA - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Water Temperature: 88.3° F Air Temperature: 86.7° F

Panama City, FL - [Return to List](#)

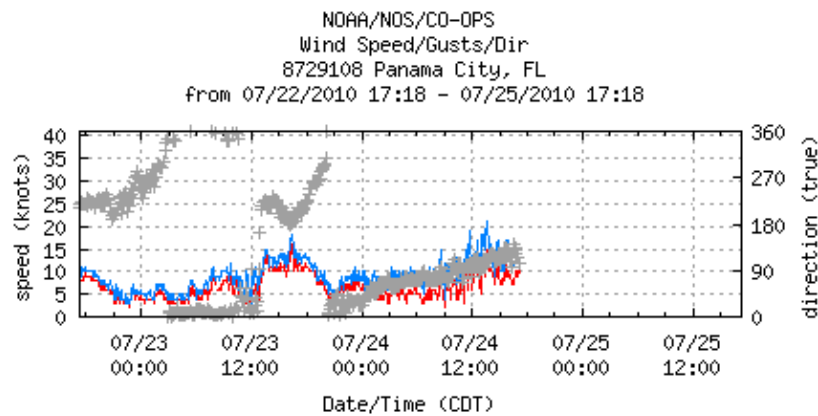


Last Observed Sample: 07/24/2010 17:06 (CDT)

Relative to **MLLW**: **Observed: 0.78 ft.** **Predicted: 0.31 ft.** **Residual: 0.47 ft.**

Historical Maximum Water Level: Oct 4 1995, 5.72 ft. above **MHHW**

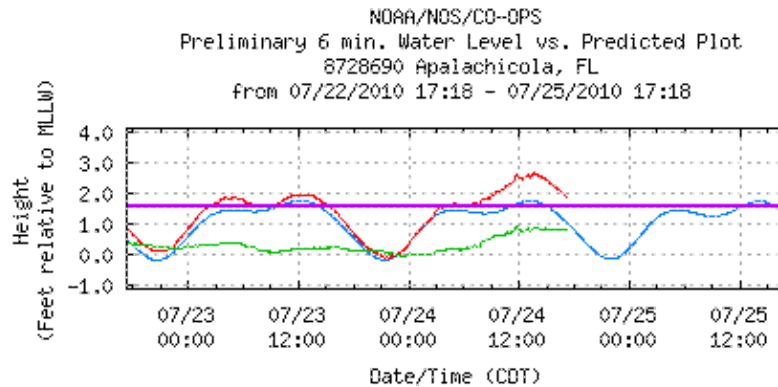
Panama City, FL - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Wind Speed: 10 knots **Gusts: 13 knots** **Direction: 104° T**

Apalachicola, FL - [Return to List](#)

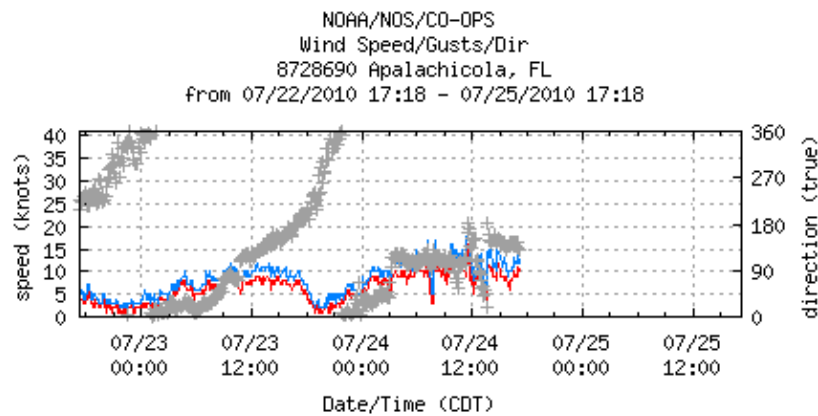


Last Observed Sample: 07/24/2010 17:06 (CDT)

Relative to **MLLW**: **Observed: 1.91 ft.** **Predicted: 1.09 ft.** **Residual: 0.82 ft.**

Historical Maximum Water Level: Nov 21 1985, 5.69 ft. above **MHHW**

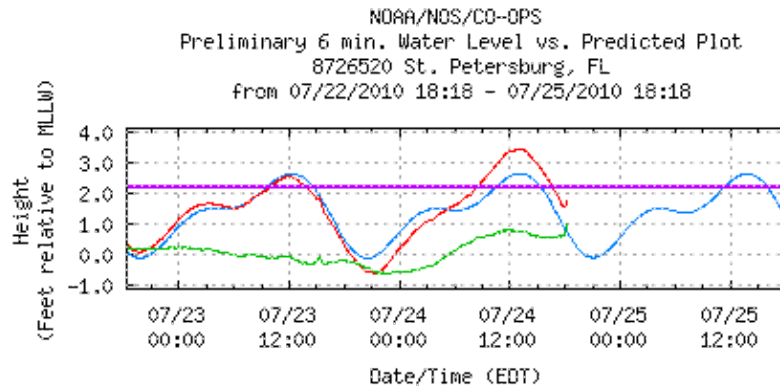
Apalachicola, FL - [Return to List](#)



Last Observed Sample: 07/24/2010 17:06 (CDT)

Wind Speed: 10 knots **Gusts: 12 knots** **Direction: 130° T**

St. Petersburg, FL - [Return to List](#)



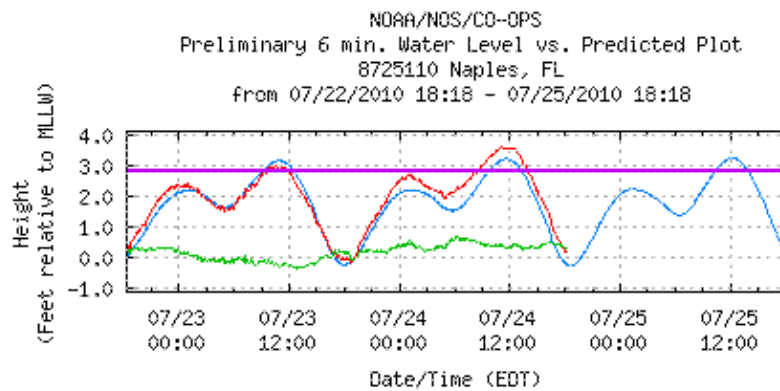
Predicted WL ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

Last Observed Sample: 07/24/2010 18:12 (EDT)

Relative to **MLLW**: **Observed: 1.77 ft. Predicted: 0.76 ft. Residual: 1.01 ft.**

Historical Maximum Water Level: Aug 31 1985, 4 ft. above **MHHW**

Naples, FL - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

Last Observed Sample: 07/24/2010 18:06 (EDT)

Relative to **MLLW**: **Observed: 0.18 ft. Predicted: -0.17 ft. Residual: 0.35 ft.**

Historical Maximum Water Level: Dec 21 1972, 3.11 ft. above **MHHW**

Remnants of BONNIE QuickLook, POSTED 17:00 CDT 07/24/2010

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce